



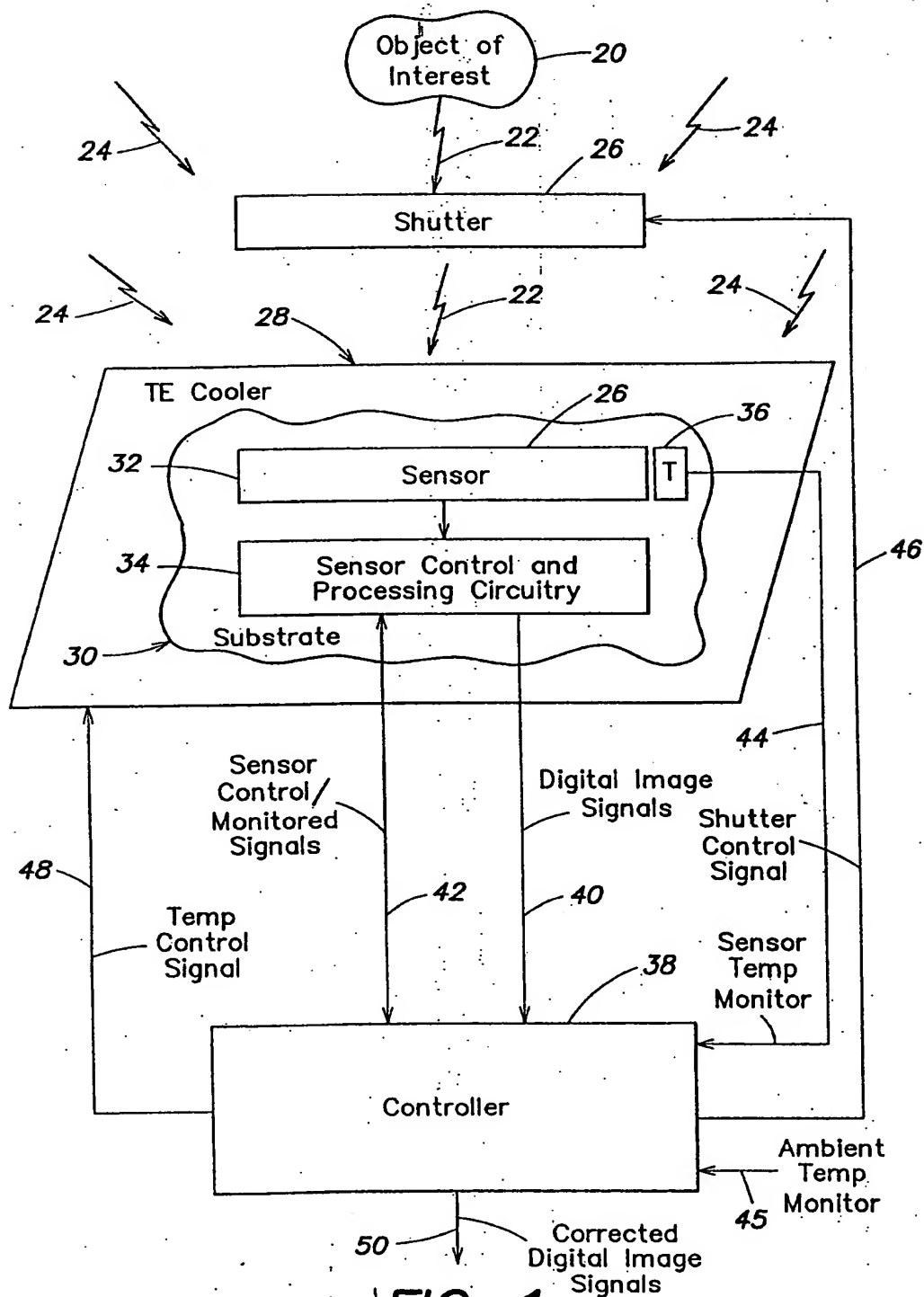
# REAL-TIME RADIATION SENSOR CALIBRATION

by: Thomas P. Allen et al.

Application No.: 10/634,215

Attorney Docket No.: L0501.70040US00 (1 of 13)

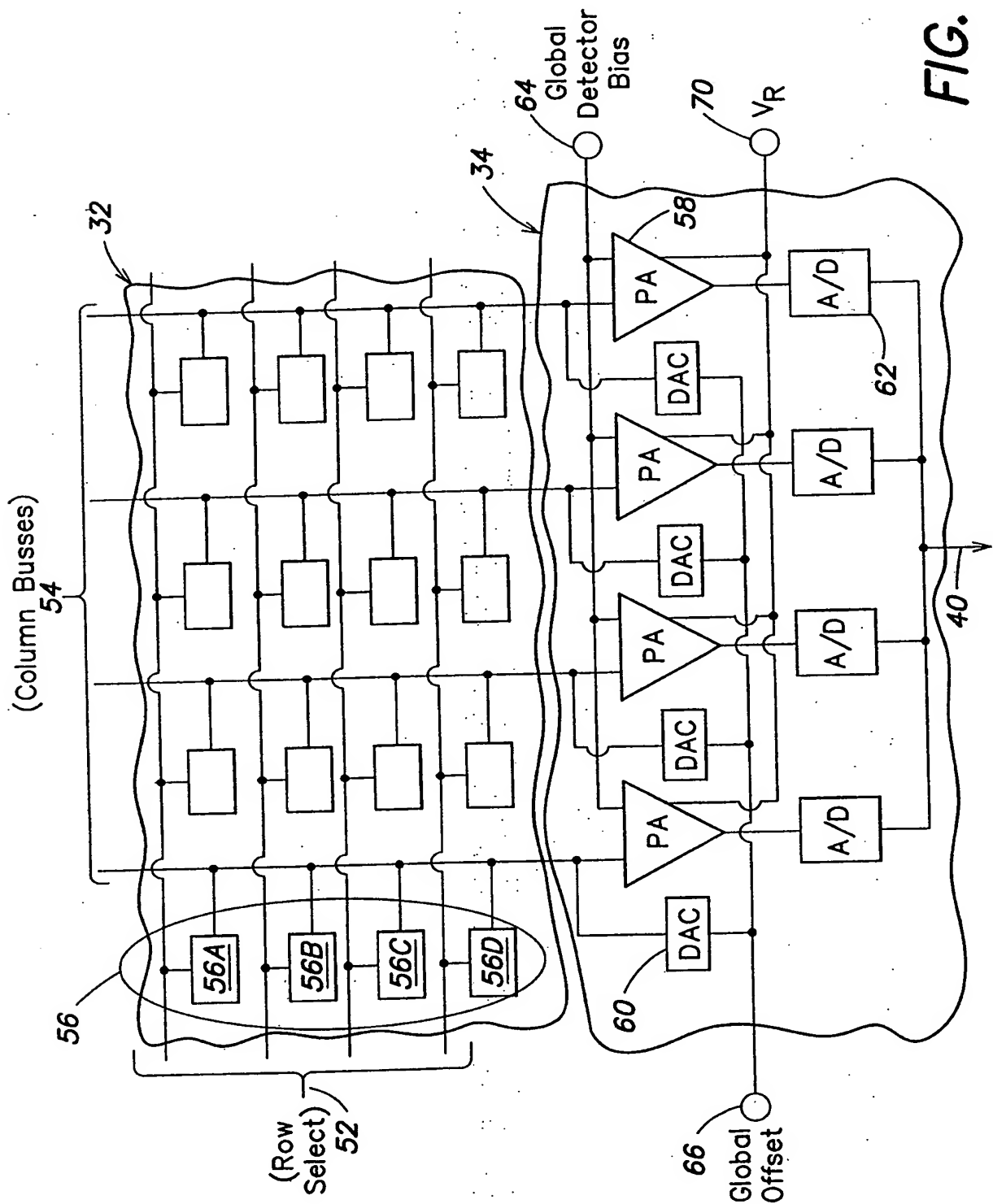
**BEST AVAILABLE COPY**



**FIG. 1**

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**FIG. 2**





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(Coarse Offset Digital Values From Controller 38)

75

Input Bit

Input Bit

Input Bit

Input Bit

DAC

Column Select

Transfer

57A

57B

57C

57D

55A

55B

55C

55D

55E

54

Column Bus

66

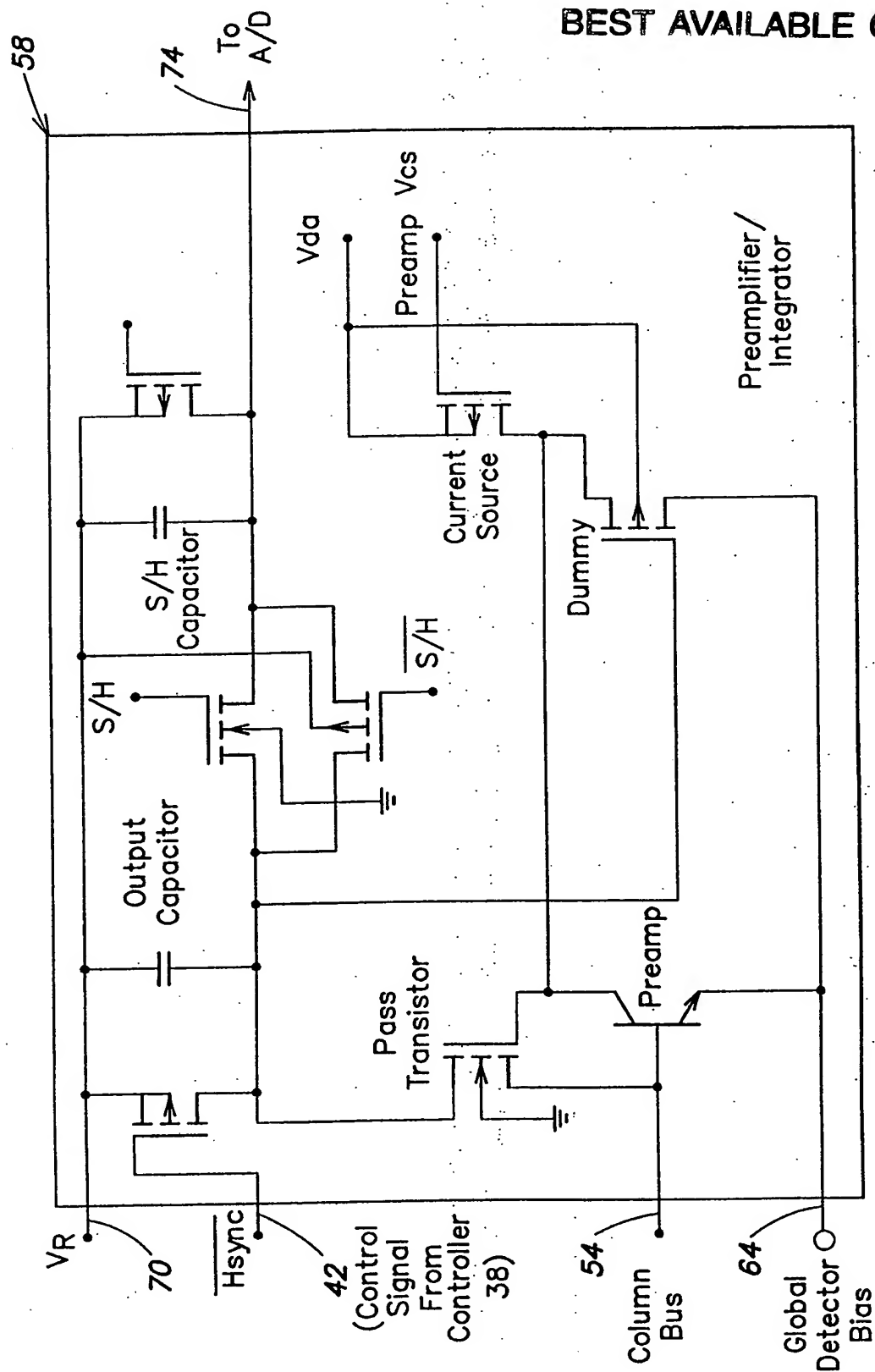
Global Offset

REST AVAILABLE C

**FIG. 4**

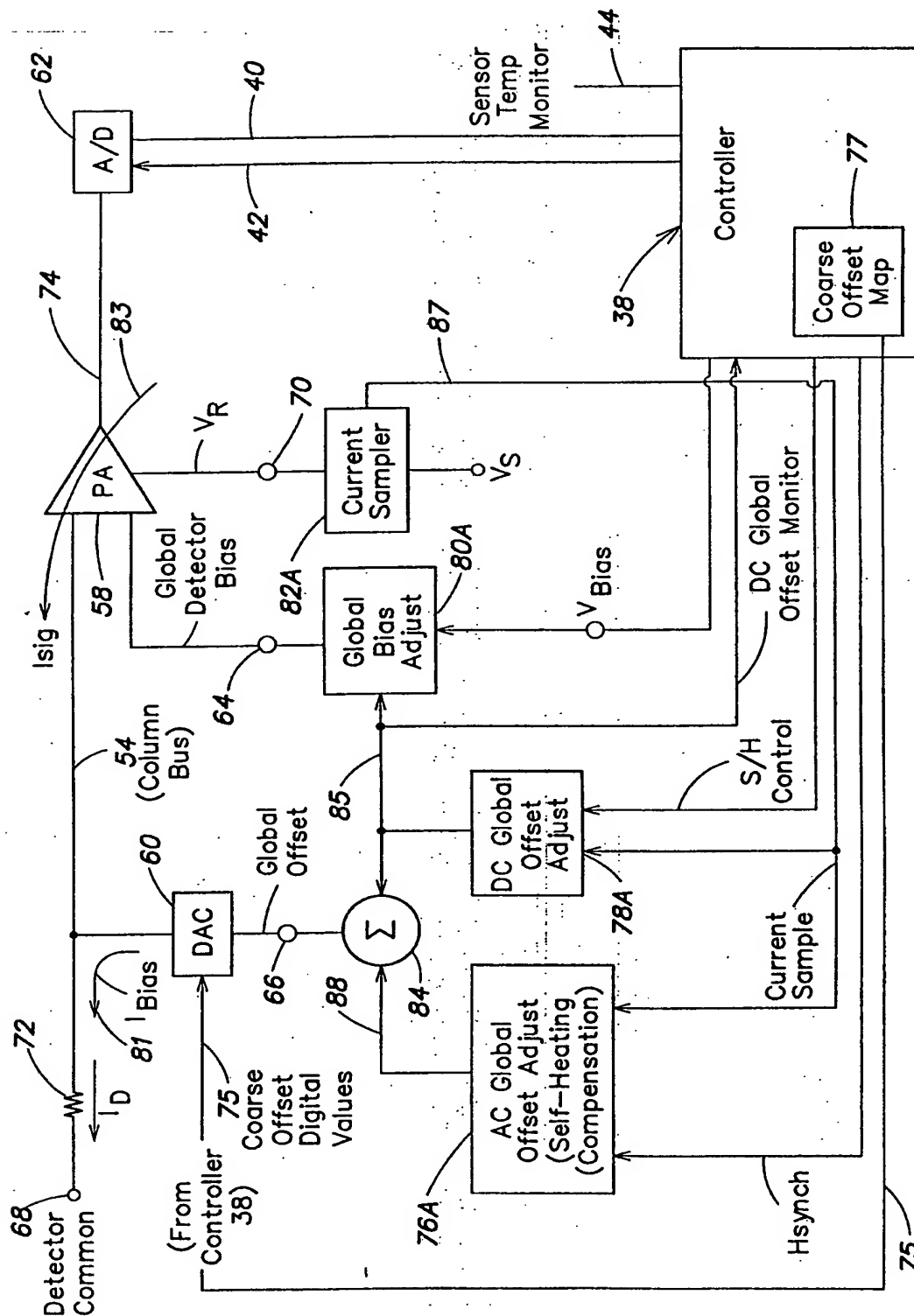
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**FIG. 5**



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FIG. 6



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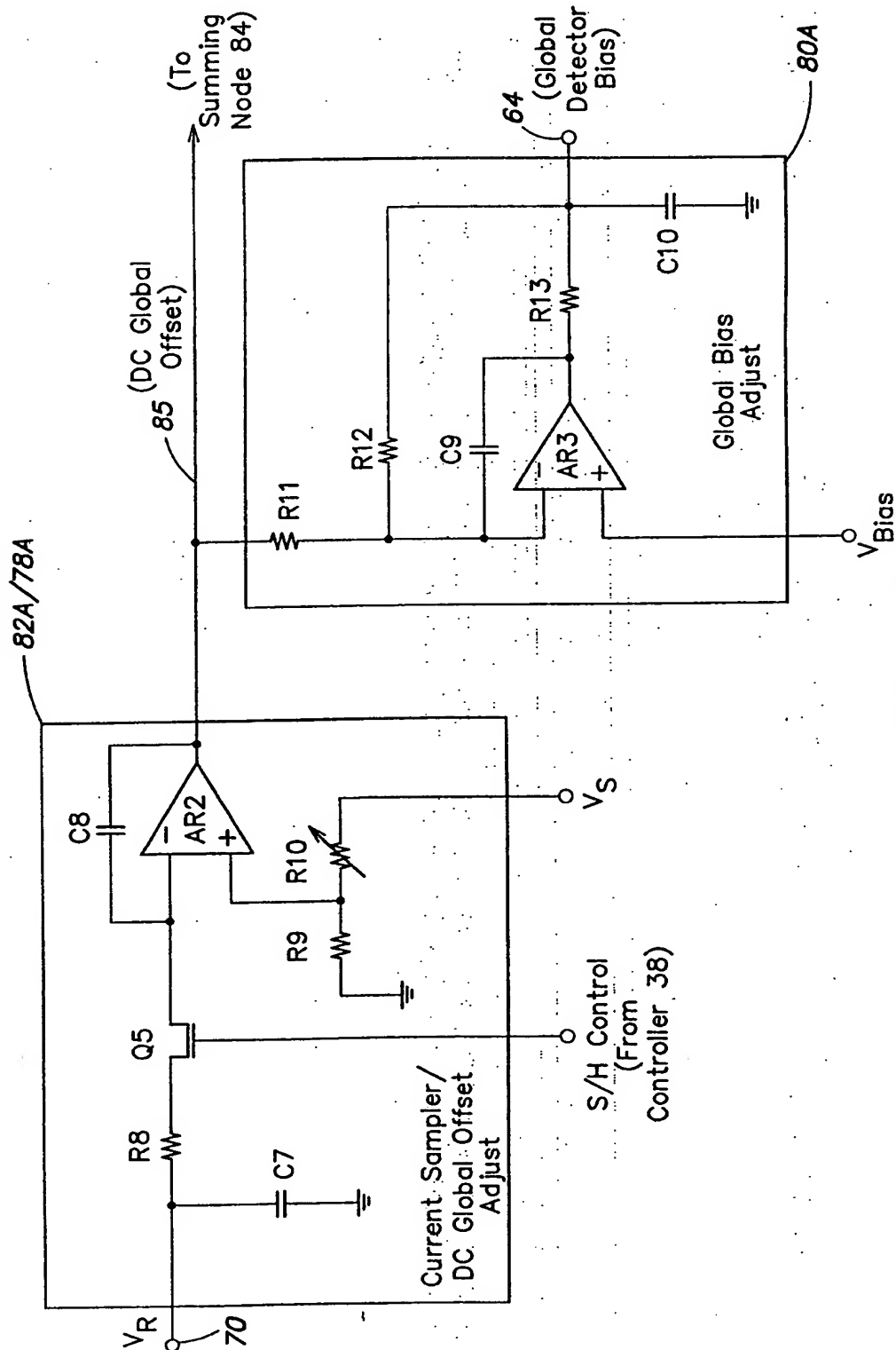
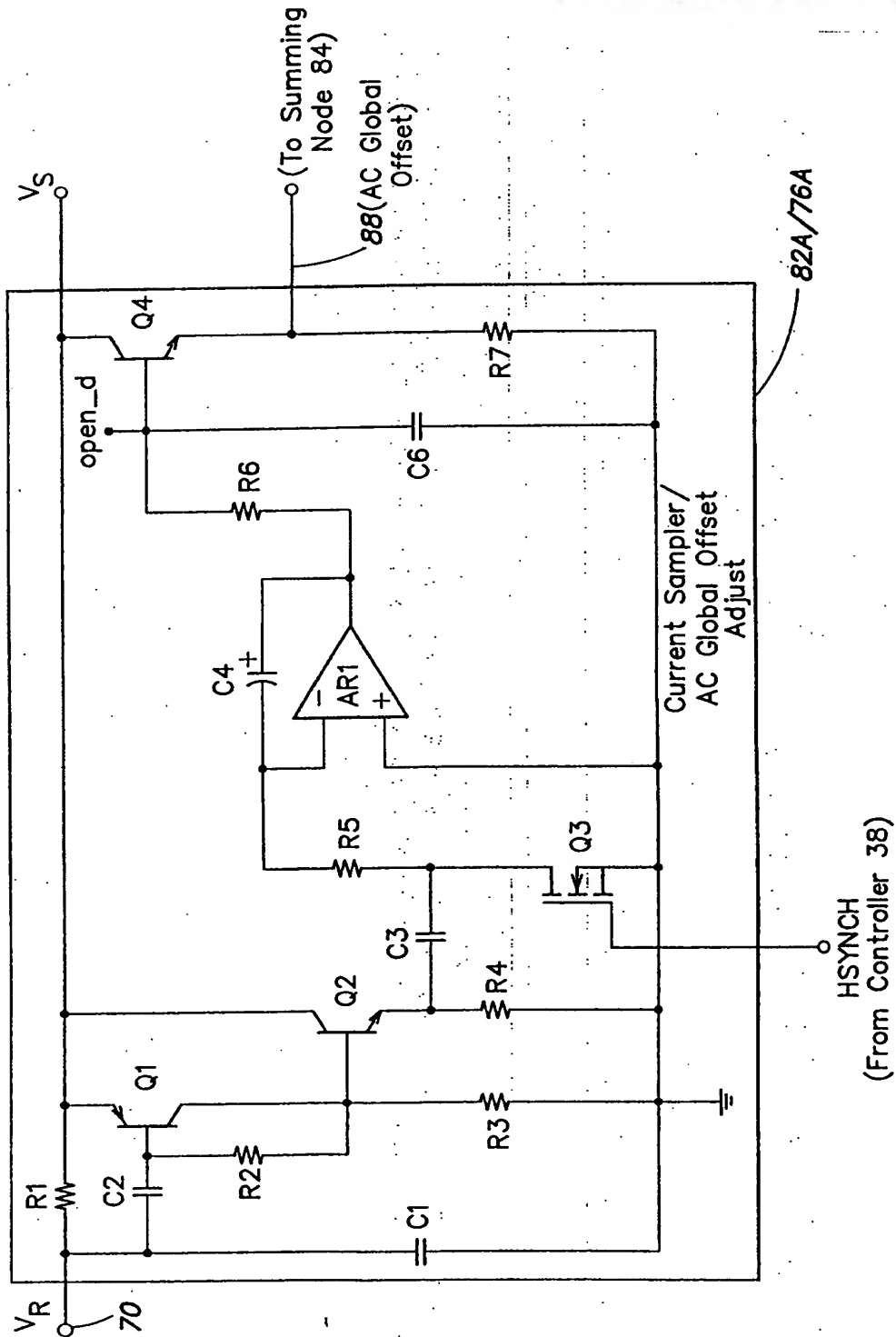


FIG. 7

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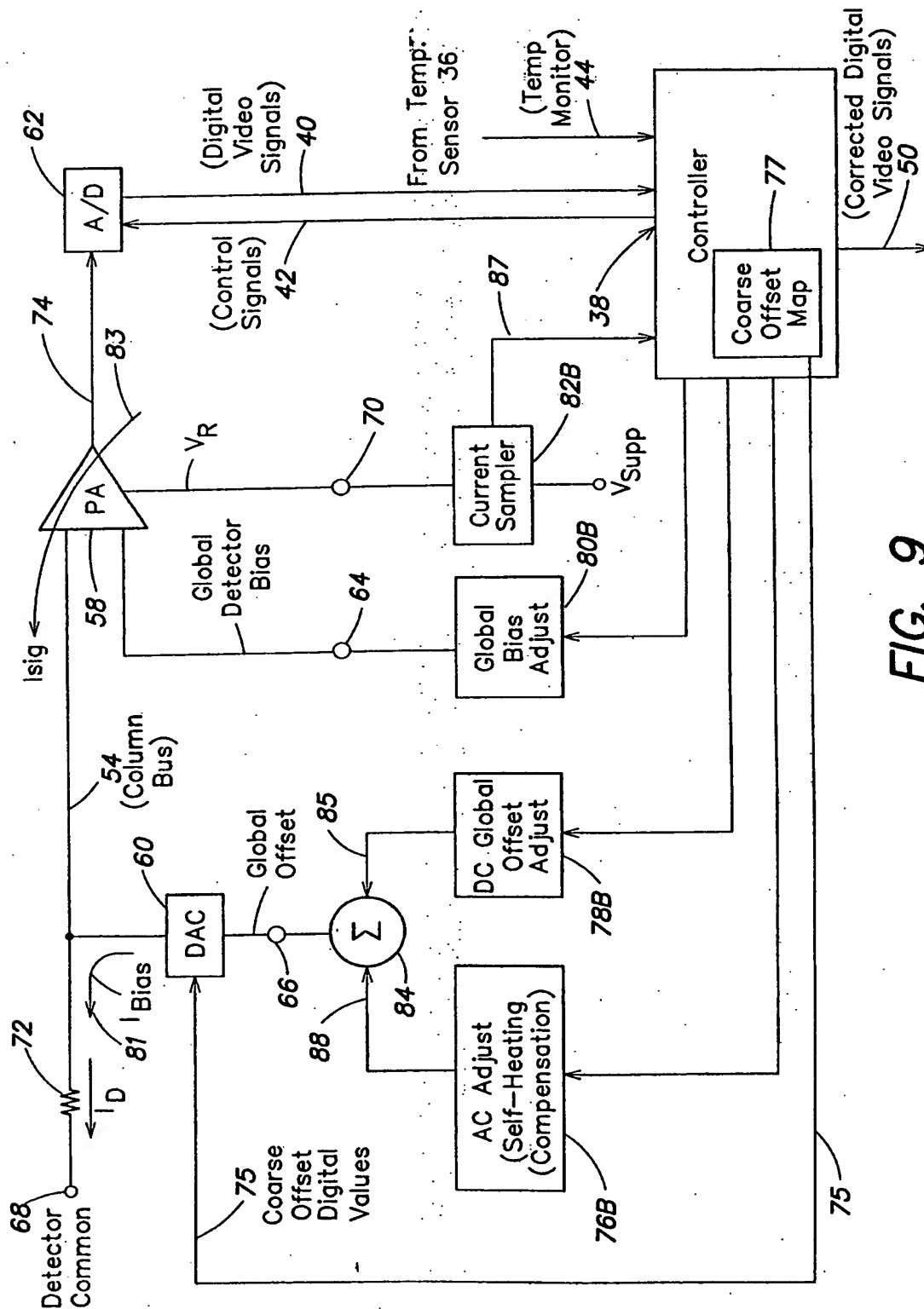
**FIG. 8**



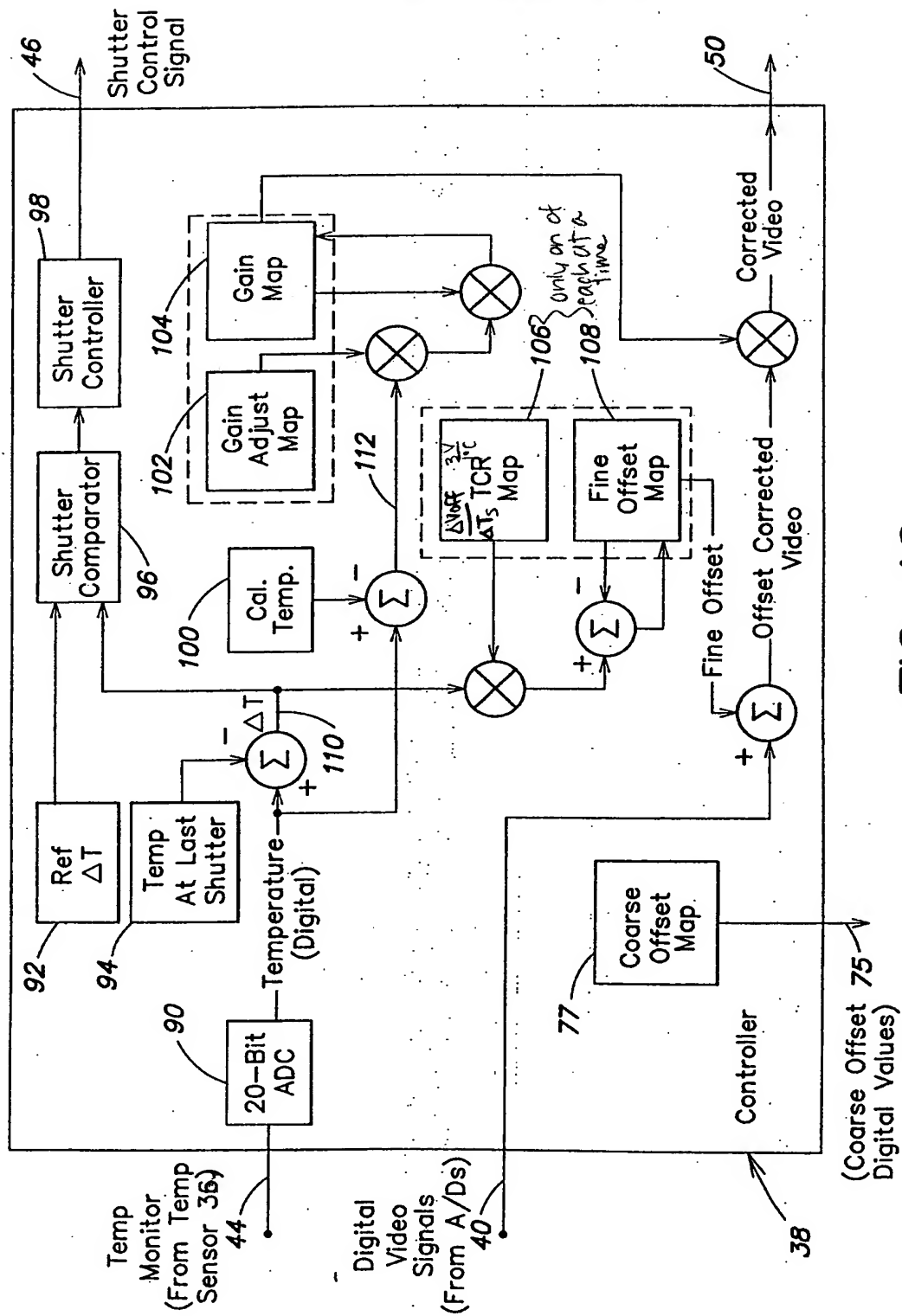


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**FIG. 9**



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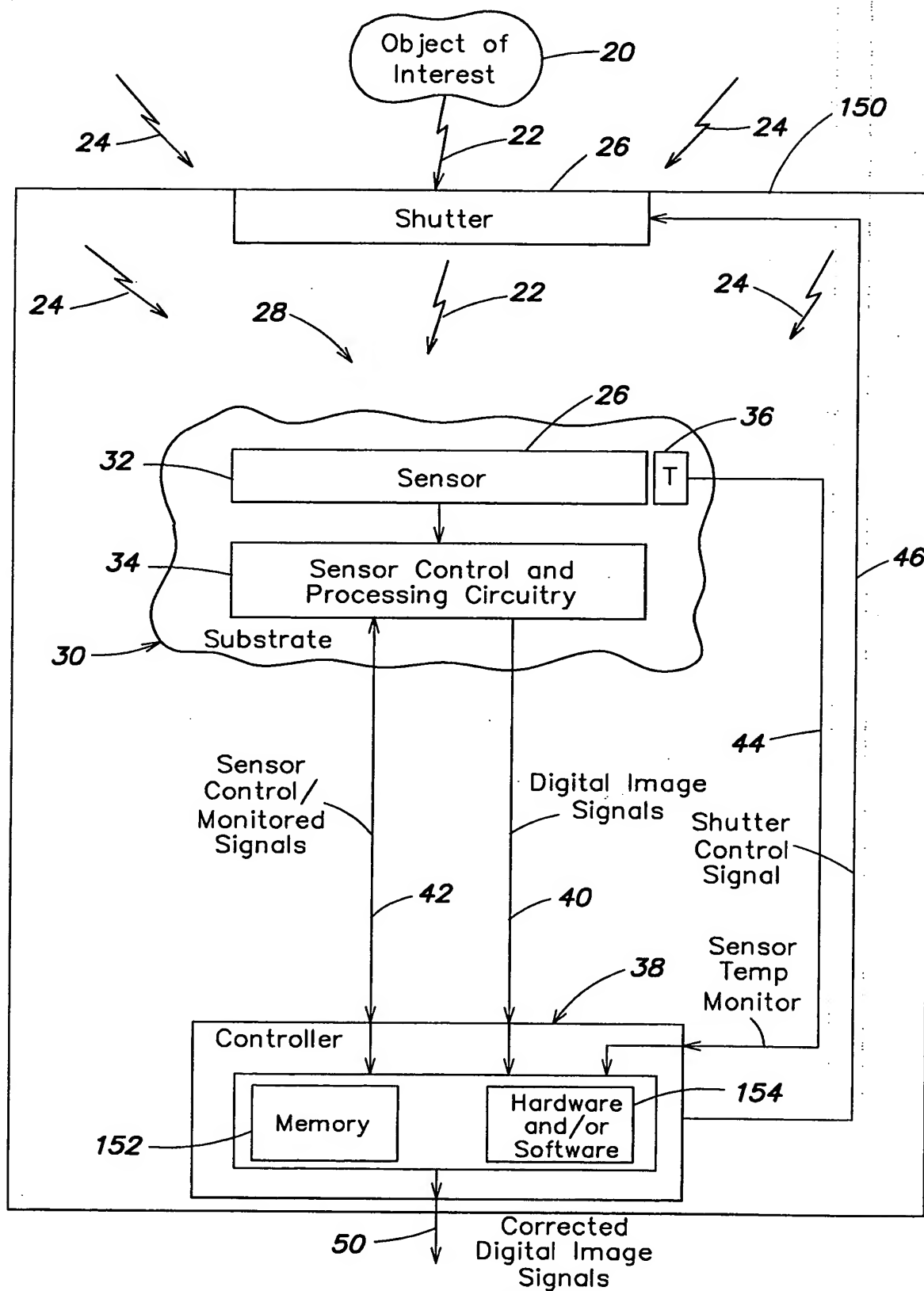


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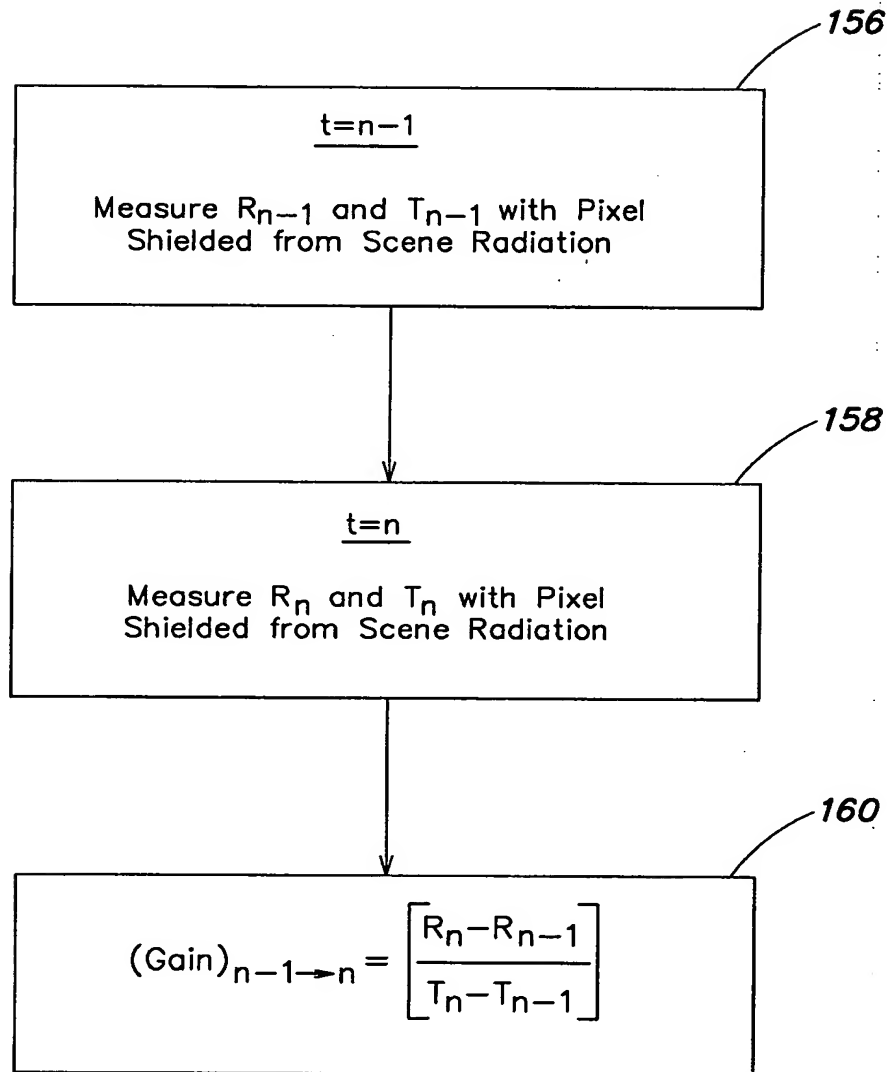
**FIG. 11**

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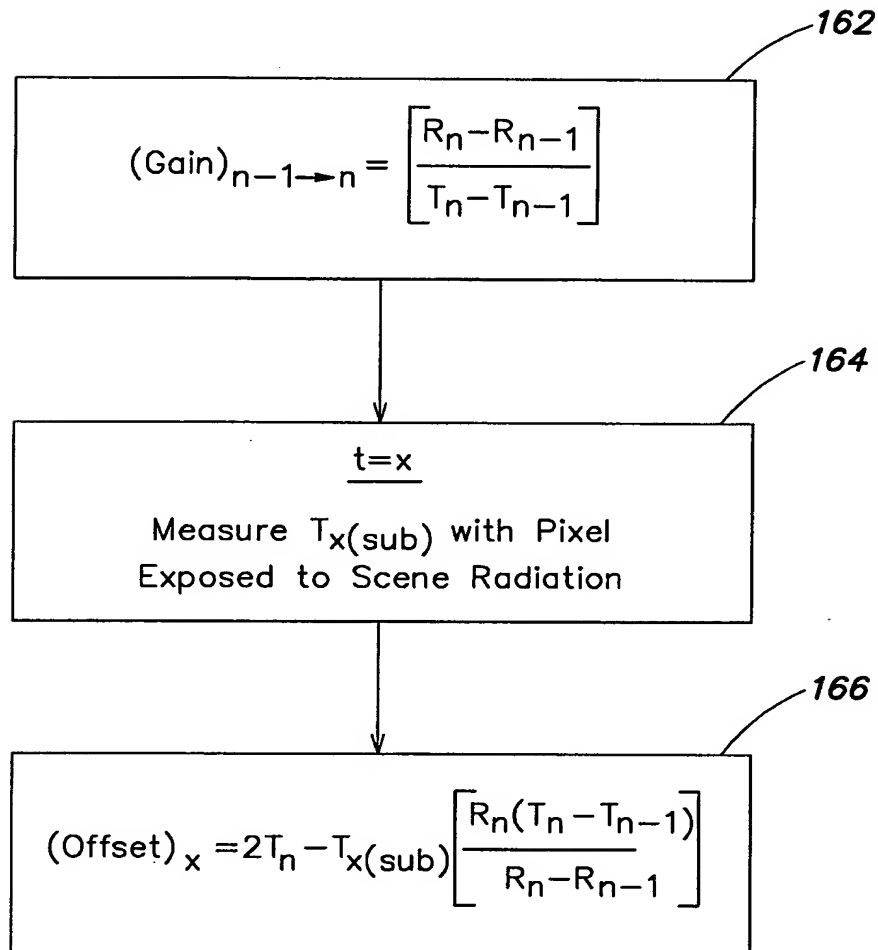
**FIG. 12**

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**FIG. 13**